

(NY-6812)

The Effect of Mountain Climate on the
Cardiovascular System, by M. V. Il'-
chevych, M. A. Kondratovych, 7 pp.

RUSSIAN, per, Fiziol Zhur.
Vol VII, No 5, 1961, pp 626-629.

JPRS 11906

Sci - Med

181, 183

Jan 62

(Re-102)

Dynamics of Changes in the Content and
Exchangesability of Nucleic Acids After
Ultrasound Irradiation, by M. Yu.
Khursin, 5 pp.

REPRINT,
UKRAINIAN, per, Muziol Zhur, Vol VII,
No 5, 1961, pp 667-670.

JPRS 11906

Sci. Med.

181, 184

Jan 62

(NY-6812)

The Effect of Radiowaves of the Three-Centimeter,
Waveband on the Functional Condition of
the Adrenal Cortex, by S. F. Gorodets'ka,
5 pp.

RHS

PERAKHIL, per, Fiziol, Zhur, Vol VII,
No 5, 1961, pp 672-674.

JPRS 11906

181, 185

Sci. Med

Jan 62

(EX-6812)

The Application of Polyethylene Tubes for
Angiostomy Using London's Method, by
T. K. Vasilyeva, 3 pp.

URINE, per, Fiziol Zhur, Vol VII,
No 5, 1961, pp 709-716.

JPRS 11906

Sci - Med

181,186

Jan 62

*NY-6932)

AN INSTRUMENT FOR THE CLINICAL STUDY OF PUPILLARY
ORIENTATION AND PHOTOREACTION AND THE MOTION OF THE
HUMAN EYEBALL AND EYELID, BY A. YE. LIBERMAN,
6 PP.

RUSSIAN, PER, FIZ ZHUR, VOL VII, NO 6, 1961,
PP 846-848.

JPRS 12596

SC - MED
MAR 62

103,200

(NY-1878)

BIOGRAPHIC INFORMATION ON DANILO SEMENOVICH
VORONTSOV, BY ~~BY~~ O. F. MAKARCHENKO, S. I.
FUDEL'OSIPOVA, P. H. KOSTYUK, 14 PP.

UKRAINIAN, PER, FIZIOLOGICHNYY ZHUR, VOL VIII,
NO 1, 1962, PP 3-12.

JPRS 14868

USSR - UKRAINE
BIOG
AUG 62

208,417

(NY-1878)

ON THE INTERRELATIONSHIPS OF LIVING CELLS AND
THE ENVIRONMENT (A REPORT TO THE SIXTH CONGRESS
OF THE UKRAINIAN SOCIETY OF PHYSIOLOGISTS,
ODESSA, 1961), BY D. S. VORONTSOV, O. O. BOGOMOLETS,
11 PP.

UKRAINIAN, PER, FIZIOLOGICHNYY ZHUR, VOL VIII,
NO 1, 1962, PP 13-20.

JPRS 14868

~~XXXXXX~~

SCI - MED

(NY-1878)

D. S. VORONTSOV'S PHENOMENON IN ONE NEUROMOTOR
UNIT, BY S. I. FUEDEL'-OSIPOVA, 7 PP.

UKRAINIAN, PER, FIZIOLOGICHNYY ZHUR, VOL VIII,
NO 1, 1962, PP 38-43.

JPRS 14868

SCI - MED

AUG 62

208,419

Mamonets', T. M.

THE POTENTIAL OF THE DEGENERATING POSTERIOR CEREBROSPINAL ROOT OF THE CAT (Pro Potentsial Pererodkhuvanogo Zadn'ogo Spynnomozkovogo Korint'sya Kishky). [1963] [13p] 20 refs
FASEB manuscript no. S 343-2.

Order from OTS, SLA, or ETC \$1.60

TT-63-24509

figs. available on loan from OTS

Trans. of Fiziologicheskii Zhurnal (USSR) 1962, v. 8, no. 1, p. 71-78. (Abstract available)

DESCRIPTORS: Electric potential, *Nerves,
*Spinal cord, Neurons, Neuromuscular transmission,
*Bioelectrostatics.

The electronic potential (ETP) of degenerating dorsal roots of spinal nerves was studied to clarify which part of the axon produced the ETP of the dorsal root. The sixth or seventh lumbar dorsal root in cats was cut between the spinal cord and spinal ganglion. The ETP was (Biological Sciences--Physiology, TT, v. 11, no. 6) (over)

TT-63-24509

- I. Mamonets', T. M.
- II. FASEB-S-343-2
- III. Federation of American Societies for Experimental Biology, Washington, D. C.
- IV. Scripta Technica, Inc., Washington, D. C.

Office of Technical Services

Magura, I. S.

ON CERTAIN PROPERTIES OF THE MUSCLE FIBER
MEMBRANE WITH RESPECT TO RUBIDIUM IONS.

[1963] [13p] FASEB manuscript no. S 347-2

Order from OTS, SLA, or ETC \$1.60 TT-64-13413

Trans. of Fiziologichnyi Zhurnal (USSR) 1962, v. 8,
no. 1, p. 107-111.

DESCRIPTORS: *Muscles, *Cells (Biology), *Rubidium,
Body fluids, *Electrolytes (Physiology), Membranes
(Biology).

(Biological Sciences--Physiology, TT, v. 11, no. 8)

TT-64-13413

- I. Magura, I. S.
- II. FASEB-S-347-2
- III. Federation of American
Societies for Experi-
mental Biology,
Washington, D. C.
- IV. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

(NY-1878)

ALL-UNION CONFERENCE ON THE PROBLEM OF THE
PHYSIOLOGY AND PATHOLOGY OF RESPIRATION, BY
D. A. KOCHERGA, 6 PP.

RUSSIAN, PER, FIZIOLOGICHNYY ZHUR, VOL VIII,
NO 1, 1961, PP 139-142.

JPRS 14869

SCI - MED

AUG 62

208,386

Volkovich, A. A.
ROLE OF NEUROSECRETION OF HYPOTHALAMIC
NUCLEI IN REGULATION OF WATER METABOLISM.
[1963] [36p] 64refs FASEB manuscript no. S 115-3.
Order from OTS, SLA, or ETC \$3.60 TT-64-13499
figs. available on loan from OTS
Trans. of Fiziologicheskii Zhurnal (USSR) 1962, v. 8,
no. 2, p. 147-158.

DESCRIPTORS: Secretion, *Thalamus, Nuclei (Biology),
Water, Metabolism, *Body fluids, *Pituitary hormones.

(Biological Sciences--Physiology, TT, v. 11, no. 9)

TT-64-13499

- I. Volkovich, A. A.
- II. FASEB-S-115-3
- III. Federation of American
Societies for Experimental
Biology, Washington, D.C.
- IV. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

TT-63-23903

Troshykhin, V. A.
 SOME QUESTIONS ON THE DEVELOPMENT OF
 CONGENITAL CONDITIONED REACTIONS AND
 NEUROSES DURING ONTOGENESIS (Deyaki Pytannya
 Rozvytku Pryrodzhennykh Umovnykh Reaktsii i
 Nevroziv v Ontogenezi). [1963] [18p] 16refs FASEB
 Manuscript no. S 349-2.
 Order from OTS, SLA, or ETC \$1.60 TT-63-23903

Trans. of Fiziolichnyi Zhurnal (USSR) 1962, v. 8,
 no. 2, p. 189-197. (Abstract available)

DESCRIPTORS: *Conditioned reflex, Reflexes,
 *Reaction (Psychology), *Neuroses, *Speech disorder,,
 Infants, Analyzers (Psychology)

The development and changes of the sucking and
 opisthotonus reflexes of puppies during the first year of
 life are described. Neuroses were developed in puppies
 by conditioned reactions formed in association with
 (Behavioral Sciences--Psychology, TT, v. 11, no. 7)
 (over)

- I. Troshykhin, V. A.
- II. FASEB S-349-2
- III. Federation of American
 Societies for Experi-
 mental Biology,
 Washington, D. C.
- IV. Scripta Technica, Inc.,
 Washington, D. C.

Office of Technical Services

Optimum Conditions for Recording Electroplethysmograms
of Parts and Organs of the Human Body, by Yu. Ye.
Moskalenko.

RUSSIAN, per, Fiziol Zhurnal, 1962, Vol 8, No 2,
pp 214-218.

NLL 6015.49 1964 (203) (On Loan)

Aug 65

287,167

(SF-1878)

Yevgen Borysovykh Babs'kyy, 4 pp.

UKRAINIAN, per, Fiziologichniy Zhurnal,
Vol VIII, No 2, pp 275-277.

JPRS 14831

USSR - Ukraine
Biog
Aug 62

Komisarenko, V. P.
SOME PHYSIOLOGIC INTERRELATIONSHIPS BE-
TWEEN THE ADRENAL CORTEX AND THE NERV-
OUS SYSTEM. [1963] [24p] Srefs FASEB Manuscript
no.: S 116-3.

Order from OTS, SLA, or ETC \$2.60 TT-63-24459

Trans. of Fiziologichnyi Zhurnal (USSR) [1962] v. 8,
no. 3, p. 283-291.

DESCRIPTORS: *Adrenal cortex, *Nervous system,
*Corticosteroid agents, Stimulation, Hormones,

(Biological Sciences--Physiology. TT, v. 11, no. 5)

TT-63-24459

- I. Komisarenko, V. P.
- II. FASEB-S-116-3
- III. Federation of American
Societies for Experi-
mental Biology,
Washington, D. C.
- IV. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

TT-64-13410

Agarkov, G. B.
SOURCES OF INNERVATION OF THE ADRENAL
GLANDS AND THEIR VESSELS. [1963] [15p] 10ref's
FASEB manuscript no. S 351-2
Order from OTS, SLA, or BTC \$1.60 TT-64-13410

Trans. of Physiol. Zhurnal (USSR) 1962,
v. 8, no. 3, p. 375-381.

DESCRIPTORS: *Adrenal glands, Nerves, Blood
vessels

- I. Agarkov, G. B.
- II. FASEB-S-351-2
- III. Federation of American
Societies for Experi-
mental Biology,
Washington, D. C.
- IV. Scripta Technica, Inc.,
Washington, D. C.

(Biological Sciences--Anatomy, TT, v. 11, no. 9)

Office of Technical Services

Investigating Local Thermal Effect of
Electromagnetic 3 cm Waves on Animals,
by V. I. Mirutenko, 11 pp.

UKRAINIAN,
RUSSIAN, per Fiziologicheskii Zhurnal,
Vol VIII, No 3, Jun 1962, pp 382-389.
9667361

FTD-TT-62-1361

Sci - Biol, Med.
Jan 63

Morphological Changes in Internal Organs When the
Organism is Exposed to the Effect of Centimeter
Waves, by S. F. Gorodetska, 8 pp.

UKRAINIAN, per, Fiziologichnyi Zhurnal, Vol VIII,
No 3, Jun 1962, pp 390-396. 9667361

FTD-TM-62-1361

Sci - Biol, Med
Jan 63

Dumenko, V. M.
ELECTROGRAPHIC EXPRESSION OF CERTAIN
FORMS OF INTERNAL INHIBITION. [1963] [16p]
(figs omitted) 17 refs FASEB Manuscript no. S 353-2.
Order from OTS, SLA, or ETC \$1.60 TT-63-23902
figs. available on loan from OTS

Trans. of Fiziologicheskii Zhurnal (USSR) 1962,
v. 8, no. 4, p. 471-480. (Abstract available)

DESCRIPTORS: *Electroencephalography, *Cerebral
cortex, inhibition, Bioelectronics, *Conditioned reflex,
Brain.

Characteristic of the EEG manifestations of differ-
ential inhibition are: (a) continuation of electrical
reaction after stimulation ceased; (b) increased latency
of electrical reactions; (c) progressively decreasing
reactivity until changes in electrical activity are no
longer observed; (d) absence of slow waves. Charac-
(Biological Sciences--Physiology, TT, v. 11, no. 5)
(over)

TT-63-23902

- I. Dumenko, V. M.
- II. FASEB S-353-2
- III. Federation of American
Societies for Experimental
Biology, Washington, D. C.
- IV. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

TT-63-23901

Cherkes, V. O. and Martynenko, N. A.
 CHANGES IN BIOPOTENTIALS OF THE CORTEX
 FOLLOWING HIGH-FREQUENCY RHYTHMIC
 STIMULATION OF THE CAUDATE NUCLEUS. [1963]
 [15p] (figs omitted) Abstract FASEB Manuscript no. S354-2
 Order from OTS, SLA, or ETC \$1.60 TT-63-23901
 figs. available on loan from OTS

Trans. of Fiziologichnyi Zhurnal (USSR) 1962, v. 8,
 no. 4, p. 431-437. (Abstract available)

DESCRIPTORS: *Bioelectronics, *Cerebral cortex,
 Stimulation, *High frequency, Nuclei (Biology), Brain.

It was shown in experiments with cats that following
 bilateral electrolytic destruction of the ventrolateral
 thalamic nuclei, or of the globus pallidus, stimulation
 of the caudate nucleus continues to cause "desynchroni-
 zation" in the motor zone of the cortex, just as it does
 before destruction. These observations seem to
 (Biological Sciences - Physiology, TT, v. 11, no. 6) (over)

- I. Title: Caudate nucleus
- I. Cherkes, V. O.
- II. Martynenko, N. A.
- III. FASEB S-354-2
- IV. Federation of American
 Societies for Experimental
 Biology, Washington, D. C.
- V. Scripta Technica, Inc.,
 Washington, D. C.

Order from Scripta Technica, Inc.

Minku [Ya].
PATHOHISTOLOGICAL AND HISTOCHEMICAL STUDY
OF HEPATITIS. [1968] [19p] FASEB manuscript
no. S 355-2
Order from OTS, SLA, or ETC \$1.60 TT-64-13408
figs. available on loan from OTS
Trans. of Fiziologichnyi Zhurnal (USSR) 1962, v. 8,
no. 4, p. 532-542.

(Biological Sciences--Pathology, TT, v. 11, no. 11)

TT-64-13408

- I. Minku, Ya.
- II. FASEB-S-355-2
- III. Federation of American
Societies for Experi-
mental Biology,
Washington, D. C.
- IV. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

Kostyuk, P. G. and Savoskina, L. O.
FUNCTIONAL CHANGES IN DEGENERATING
SYNAPTIC ENDINGS. Nov/Dec 63, 5p 23 refs
Order from FASEB \$2.00 in Federation Proceedings
Translation Supplement, v. 22, no. 6, pt. II,
p. T1107-T1111

Trans. of Fiziologichnyi Zhurnal (USSR) 1962, v. 8,
no. 5, p. 581ff.

DESCRIPTORS: *Nerve cells, *Neuromuscular
transmission, *Spinal cord, Motor reactions,
*Atrophy, Bioelectronics.

(Biological Sciences--Physiology, TT, v. 11, no. 19)

TT-63-17973-6
(p. T1107-T1111)

- I. Kostyuk, P. G.
- II. Savoskina, L. O.
- III. Federation of American
Societies for Experi-
mental Biology,
Washington, D. C.

Office of Technical Services

Os'mak, A. A.

BEHAVIOR OF ALBINO RATS FOLLOWING DESTRUCTION OF THE BASAL GANGLIA. [1963] [13p]

11 refs FASEB Manuscript no. : S 433-2

Order from OTS, SLA, or ETC \$1.60

TT-63-24523

figs. available on loan from OTS

Trans. of Fiziologichnyi Zhurnal (USSR) 1962, v. 8, no. 5, p. 616-621. (Abstract available)

DESCRIPTORS: Behavior, *Ganglia, *Cerebrum, *Thalamus.

After unilateral destruction of the caudate nucleus, slight behavioral changes of short duration (4-7 days) are observed in rats; weakening of the orienting reflex and sometimes circular movements towards the side of the destruction, with head turned to same side. The changes are marked, persistent (lasting a month or more) and diverse changes are observed after bilateral destruction of the caudate nuclei. Torpor and weakened

(Biological Sciences--Physiology, TT, v. 11, no. 6)
(over)

TT-63-24523

- I. Title: Caudate nuclei
- i. Os'mak, A. A.
- II. FASEB-S-433-2
- III. Federation of American Societies for Experimental Biology, Washington, D. C.
- IV. Scripta Technica, Inc., Washington, D. C.

Office of Technical Services

TT-63-24525

Valueva, T. K.

CHANGES IN SERUM PROTEINS UNDER THE INFLUENCE OF ACTH IN CCl_4 POISONING OF THE LIVER. [1963] [16p] 12 refs FASEB Manuscript no.: S 434-2.

Order from OTS, SLA, or ETC \$1.60 TT-63-24525

Trans. of *Fiziologichnyi Zhurnal (USSR)* 1962, v. 8, no. 3, p. 622-629. (Abstract available)

DESCRIPTORS: *Blood proteins, *Adrenocorticotrophic hormone, Liver cirrhosis, *Poisoning, Liver, *Carbon tetrachloride, Globulins, Gamma globulin.

The serum protein changes after ACTH injections in rabbits with CCl_4 induced liver damage were studied. Blood samples were taken before and four hours after ACTH injection, both in the control and the CCl_4 poisoned animals. Following the ACTH injections, the (Biological Sciences--Physiology, TT, v. 11, no. 6) (over)

I. Valueva, T. K.

II. FASEB-S-434-2

III. Federation of American Societies for Experimental Biology, Washington, D. C.

IV. Scripta Technica, Inc., Washington, D. C.

Office of Technical Services

TT-63-24526

Levchenko, M. N.
THE FUNCTIONAL INTERACTION OF THE THYROID
GLAND AND THE ADRENALS IN THE REGULATION
OF BLOOD PROTEINS. [1963] [15p] FASEB Manuscript
no.: S 435-2.

Order from OTS, SLA, or ETC \$1.60 TT-63-24526

Trans. of Fiziologicheskii Zhurnal (USSR) 1962, v. 8,
no. 5, p. 630-637. (Abstract available)

DESCRIPTORS: *Thyroid gland, Endocrine glands,
*Adrenal glands, *Blood proteins, Adrenocorticotrophic
hormone, Albumins, Globulins, Thyroid hormones,

Single injection of ACTH to normal rabbits causes an
increase in the total blood serum protein content as a
result of an increase in the finely dispersed albumins.
There is also a decrease in the serum globulins, which
leads, in turn, to an increase in the A/G ratio. The
(Biological Sciences--Physiology, TT, v. 11, no. 5)
(over)

- I. Levchenko, M. N.
- II. FASEB-S-435-2
- III. Federation of American
Societies for Experi-
mental Biology,
Washington, D. C.
- IV. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

TT-63-24532

Starushenko, L. I.
INTRA-ARTERIAL INJECTION OF A SOLUTION OF
SODIUM LACTATE AND AMINOKROVIN (LACTAMIN)
INTO ANIMALS AFTER MASSIVE LOSS OF BLOOD
(Vnutryarterial'ne Nagitaniya Rozchynu Lakratu
Natriyu z Aminokrovynom (Lactaminu) [Varynam
Pislya Masynoyi Krovovtraty]. [1963] [15p] 36 refs
FASEB Manuscript no.: S 458-2.
Order from OTS, SIA, or ETC \$1.60 TT-63-24532

Trans. of Fiziologichnyi Zhurnal (USSR) 1962, v. 8,
no. 5, p. 638-643. (Abstract available)

DESCRIPTORS: Injections (Medical), Arteries,
*Hemorrhage, *Plasma substitutes, *Lactates,
*Alamines, *Protein hydrolysates, Blood transfusions.

A study was made of hemodynamics in dogs after intra-
arterial injection of a solution of sodium lactate, mixed
(Biological Sciences--Pathology, TT, v. 11, no. 6) (over)

- I. Title: Lactamin
- I. Starushenko, L. I.
- II. FASEB-S-458-2
- III. Federation of American
Societies for Experimental
Biology, Washington, D. C.
- IV. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

TT-64-13909

Shuba, M. F.
SPONTANEOUS ACTIVITY IN SMOOTH MUSCLE
(Do Fyrmnyia pro Spontannu Aktyvnist' v Gladkoyu
M'uszi). [1963] [22p] 11 refs FASHB Ma no. 5271-3.
Order from CUS, SDA, or HTC \$2.60 TT-64-13909

Trans. of Fiziologichnyi Zhurnal (USSR) 1963, v. 9,
no. 1, p. 49-55.

DESCRIPTORS: *Muscles, Contraction, Kymography,
Electric potential.

- I. Shuba, M. F.
- II. FASHB no. 5271-3
- III. Federation of American
Societies for Experi-
mental Biology,
Washington, D. C.
- IV. Scripta Technica, Inc.,
Washington, D. C.

(Biological Sciences--Physiology, TT, v. 11, no. 10)

OFFICE OF TECHNICAL SERVICES

CHANGES IN THE MORPHOLOGICAL COMPOSITION OF THE
BLOOD IN UNDERWATER SUBMERSION OF ATHLETES, BY
M. F. SIROTINA, 8 PP.

UKRAINIAN, PER, FIZIOLOGICHNYY ZHURNAL, NO. 1,
1963, PP 77-78.

JPRS 18055

SCI - BIOL & MED
MAY 63

228,791

RESTORATION OF CIRCULATION AND RESPIRATION IN
DOGS REVIVED AFTER LONG TERMS OF CLINICAL DEATH
DUE TO ELECTRIC TRAUMA, BY M. P. ADAMENKO,
10 PP.

UKRAINIAN, PER, FIZIOLOGICHNYY ZHURNAL, NO 1,
1963, PP 82-88.

JPRS 18855

SCI - BIOL & MED
MAY 63

228,792

Berezova'ki, V. Ya.
TEMPORARY LOCAL TEMPERATURE FLUCTUA-
TIONS IN THE CEREBRAL CORTEX OF THE DOG
AND THEIR DEPENDENCE ON REGIONAL BLOOD
CIRCULATION (Korotkochni Mistsevi Kolyvannya
Temperatury Kory Holovnoho Mozku Sobaky i Yich
Zalezhnist' vid Regiornoho Krovoobihu); [1963] [17p]
3 refs FASEB manuscript no. S 272-3.
Order from OTS, SLA, or ETC \$1.60 TT-64-13531

Trans. of Fiziologichnyi Zhurnal (USSR) 1963, v. 9,
no. 1, p. 90-95.

DESCRIPTORS: *Body temperature, *Cerebral cortex,
Blood circulation, Brain, Stimulation

(Biological Sciences--Physiology, TT, v. 11, no. 8)

TT-64-13531

- I. Berezova'ki, V. Ya.
- II. FASEB-S-272-3
- III. Federation of American
Societies for Experimental
Biology, Washington, D. C.
- IV. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

On the Principle of the Philosophical Problem of
Biological Cybernetics, by M. L. Gorbach, 12 pp.
RUSSIAN, per, Fiziologicheskii Zhurnal, Vol IX, No 2,
1963, pp 151-157. 9694851
FTD-TT-64-386

Sci - Biol & Med Sci
Oct 64

267,690

TT-64-13905

Svyatun, T. I.
THE SECRETION OF THE GASTRIC GLANDS IN
RESPONSE TO A MIXED DIET DURING MUSCULAR
ACTIVITY OF VARYING INTENSITY (Sekretsiya
Shlunkovykh Zalog na Zmishanu Yizhu pid Chas
M'yazovoyi Diyal'nosti Riznoyi Intensyvosti). [1963]
[13p] 34refs FASEB Ms no. S547-3.
Order from OTS, SLA, or ETC \$1.60 TT-64-13905

Trans. of Fiziologichnyi Zhurnal (USSR) 1963, v. 9,
no. 2, p. 215-220.

DESCRIPTORS: Secretion, *Stomach, *Glands, Diet,
*Exercise.

(Biological Sciences--Physiology, TT, v. 11, no. 10)

- I. Svyatun, T. I.
- II. FASEB-S-547-3
- III. Federation of American
Societies for Experi-
mental Biology,
Washington, D. C.
- IV. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

Floater Recording Device for Physiological Investigations,
by V. G. Narski,
RUSSIAN, per, Fiziol Zhur, Vol IX, No 2, 1963, p 273-274.
*FTD-TT-64-386 7694851

Sci - Biol & Med
Apr 64

On Recording Myasthenia by Means of a Transducer
and Oscillograph, by V. T. Khlebas, N. P. Kozhukhar.
RUSSIAN, per, Platel Zhur, Vol IX, No 2, 1963,
pp 274-7: 276, 94, 9485/
• FID-TT-64-386

Sci - Biol & Med
Apr 64

Regional Hemodynamics Indicators at Vestibular Loads,
by B. O. Nakhapetov, 9 pp.
RUSSIAN, per, Fiz Zhur, Vol IX, No 3, 1968,
pp 325-329. 9691990
FTD-TT-64-32

Sci- Phys
Mar 64

253,056

TT-64-15445

Pirogov, V. O.
MEASUREMENT OF THE TEMPERATURE OF THE
CORTICAL AND MEDULLARY LAYERS OF THE
KIDNEY DURING ITS FUNCTIONAL ACTIVITY
(Vimlryuvaniya Temperaturi Korkovoho i Mozkovoho
Shariv Nirk i Protseal'nyi Diyal'nost'). [1964] [16p]
12refs PASEB Ms no. 5661-3.
Order from CTS, S.L.A., or ETC \$1.60 TT-64-15445

Trans. of Fiziologicheskii Zhurnal (USSR) 1963,
v. 9, no. 3, p. 357-362.

- I. Pirogov, V. O.
- II. PASEB-S-661-3
- III. Federation of American
Societies for Experi-
mental Biology,
Washington, D. C.
- IV. Scripta Technica, Inc.,
Washington, D. C.

(Biological Sciences--Physiology, TT, v. 12, no. 3)

Office of Technical Services

S-745/63

The Influence of Centimeter Radio Waves on ~~RXKCN~~
Female Mice Fertility, by S. F. Goroketskaya.
SF-2794

RUSSIAN, per, Fiz Zhur, Vol^{XL} IX, No 3, 1963, pp 394-395.

*JPRS

Sci - Biol

Aug 63

Age-Determined Characteristics of the Regulation
of Trophism in the Skeletal Muscle, by
V. V. Frolik, 9 pp.
UKRAINIAN, per, Fiz Zhur, Vol IX, No 5, 1963,
pp 596-600.
NIH 5-2-64

Sci - Biol & Med
Jul 64

262,193

Some Philosophical Problems of the Interrelationship of
Physiology and Cybernetics, by G. F. Makarchenko,
M. L. Gorinich, 12 pp.
UKRAINIAN, per. Ed. Zhur, No 6, Vol IX, 1963, pp 707-715.
(Foreware, Table of Contents)

JPRS 23060

Sci-Biol & Med
Feb 64

248, 179

On the Influence of Low Concentrations of Light Aerosols
On the Cardiac Activity of Rabbits, by Yu. D. Dumanak'kyy,
5 pp.
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